IFW

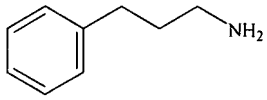
July 5, 2007.

To : Examiner Amber Steele

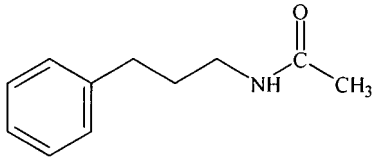
Re: Application number 10/684,249. Art unit 1639

Dear Examiner Amber Steele :

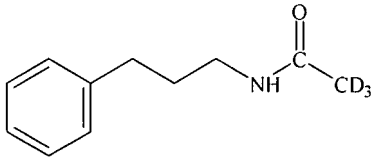
We, the applicants, would like to elect 3-Phenyl-1-propylamine as the elected species in the disclosed method. Its structure is represented by the following drawing :



A library of amine compounds with 3-phenyl-1-propylamine as a member, upon treatment with cytochrome P450 enzyme system, is allowed react with acetic anhydride. 3-Phenyl-1-propylamine reacts with acetic anhydride to form an amide with the following structure :



This amide is to be analyzed by mass spectrometry. A stable isotope labeled internal standard for this amide is required for the analysis by mass spectrometry. The stable isotope labeled internal standard for this amide is synthesized by reacting 3-Phenyl-1-propylamine with acetic anhydride-d6. Its structure is drawn as :



Mass spectrometric analysis of the above amide and its stable isotope labeled internal standard provides concentration of the amide which is also the concentration of 3-Phenyl-1-propylamine